



Billing Code 4333–15

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS–R4–ES–2019–N037; FXES11130900000C2–190–FF09E32000]

**Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status
Reviews for 53 Southeastern Species**

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice of initiation of reviews; request for information.

SUMMARY: We, the U.S. Fish and Wildlife Service, are initiating 5-year status reviews of 53 species under the Endangered Species Act, as amended. A 5-year review is an assessment of the best scientific and commercial data available at the time of the review. We are requesting submission of information that has become available since the last reviews of these species.

DATES: To allow us adequate time to conduct these reviews, we must receive your comments or information on or before [INSERT DATE 60 DAYS AFTER THE DATE

OF PUBLICATION IN THE *FEDERAL REGISTER*]. However, we will continue to accept new information about any listed species at any time.

ADDRESSES: For instructions on how to submit information and review information that we receive on these species, see **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

FOR FURTHER INFORMATION CONTACT: For species-specific information, see **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 800–877–8339 for TTY assistance.

SUPPLEMENTARY INFORMATION:

Why Do We Conduct 5-Year Reviews?

Under the Endangered Species Act of 1973, as amended (ESA; 16 U.S.C. 1531 *et seq.*), we maintain lists of endangered and threatened wildlife and plant species in title 50 of the Code of Federal Regulations (CFR) at 50 CFR 17.11 (for wildlife) and 17.12 (for plants: List). Section 4(c)(2)(A) of the ESA requires us to review each listed species' status at least once every 5 years. Our regulations at 50 CFR 424.21 require that we publish a notice in the *Federal Register* announcing those species under active review. For additional information about 5-year reviews, go to <http://www.fws.gov/endangered/what-we-do/recovery-overview.html>.

Which Species Are Under Review?

This notice announces our active 5-year reviews of the species in the following table.

ANIMALS					
Common name / Scientific name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final Listing rule (<i>Federal Register</i> citation and publication date)	Contact's mailing address
<i>Mammals</i>					
Squirrel, Carolina northern flying (<i>Glaucomys sabrinus coloratus</i>)	Sue Cameron fw4esasheville@fws.gov 828-258-3939	Endangered	North Carolina, Tennessee, Virginia	50 FR 26999; 7/1/1985	USFWS 160 Zillicoa St Asheville, NC 28801
<i>Birds</i>					
Scrub-jay, Florida (<i>Aphelocoma coerulescens</i>)	Todd Mecklenborg northflorida@fws.gov 904-731-3045	Threatened	Florida	52 FR 20715; 6/3/1987	USFWS 7915 Baymeadows Way, Suite 200 Jacksonville, FL 32256
Sparrow, Florida grasshopper (<i>Ammodramus savannarum floridanus</i>)	Roxanna Hinzman FLgrasshoppersparrow_5- yearreview@fws.gov 772-469-4310	Endangered	Florida	51 FR 27492; 7/31/1986	USFWS 1339 20th St Vero Beach, FL 32960
Stork, wood (<i>Mycteria americana</i>) U.S.breeding population	Bill Brooks northflorida@fws.gov 904-731-3136	Threatened	Florida	49 FR 7332; 2/28/1984, 79 FR 37077; 6/30/14	USFWS 7915 Baymeadows Way, Suite 200 Jacksonville, FL 32256

<i>Reptiles</i>					
Boa, Mona (<i>Epicrates monensis monensis</i>)	Felix Lopez caribbean_es@fws.gov 787-851-7297	Threatened	Puerto Rico	43 FR 4618; 2/3/1978	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
Tortoise, gopher (<i>Gopherus polyphemus</i>) western population	Matthew Hinderliter mississippi_field_office@fws.gov 601-321-1132	Threatened	Alabama, Louisiana, Mississippi	52 FR 25376; 7/7/1987	USFWS 6578 Dogwood View Pkwy Jackson, MS 39213
Turtle, flattened musk (<i>Sternotherus depressus</i>)	Daniel Drennen mississippi_field_office@fws.gov 601-321-1127	Threatened	Alabama	52 FR 22418; 6/11/1987	USFWS 6578 Dogwood View Pkwy Jackson, MS 39213
<i>Amphibians</i>					
Salamander, Red Hills (<i>Phaeognathus hubrichti</i>)	Matt Laschet alabama@fws.gov 251-441-5184	Threatened	Alabama	41 FR 53032; 12/3/1976	USFWS 1208B Main Street Daphne, AL 36526
<i>Fishes</i>					
Chub, slender (<i>Erimystax cahni</i>)	Warren Stiles cookeville@fws.gov 931-528-6481	Threatened	Tennessee	42 FR 45526; 9/9/1977	USFWS 446 Neal Street Cookeville, TN 38501
Shiner, palezone (<i>Notropis albizonatus</i>)	Mike Floyd kentuckyes@fws.gov 502-695-0468	Endangered	Alabama, Kentucky	58 FR 25758; 4/27/1993	USFWS 330 W. Broadway, Ste 265 Frankfort, KY 40601

<i>Clams</i>					
Monkeyface, Cumberland (<i>Quadrula intermedia</i>)	Andrew Henderson fw4esasheville@fws.gov 828-258-3939	Endangered	Alabama, Georgia, North Carolina, Tennessee, Virginia	41 FR 24062; 6/14/1976	USFWS 160 Zillico St Asheville, NC 28801
Pigtoe, rough (<i>Pleurobema plenum</i>)	Stephanie Chance cookeville@fws.gov 931-528-6481	Endangered	Alabama, Indiana, Kentucky, Tennessee, Virginia	41 FR 24062; 6/14/1976	USFWS 446 Neal Street Cookeville, TN 38501
Pigtoe, shiny (<i>Fusconaia cor</i>)	Andrew Henderson fw4esasheville@fws.gov 828-258-3939	Endangered	Alabama, Tennessee, Virginia	41 FR 24062; 6/14/1976	USFWS 160 Zillico St Asheville, NC 28801
Riffleshell, tan (<i>Epioblasma florentina walkeri</i>)	Andrew Henderson fw4esasheville@fws.gov 828-258-3939	Endangered	Alabama, Kentucky, Louisiana, Mississippi, North Carolina, Tennessee, Virginia	42 FR 42351; 8/23/1977	USFWS 160 Zillico St Asheville, NC 28801
Spinymussel, Tar River (<i>Elliptio steinstansana</i>)	Sarah McRae raleigh_admin@fws.gov 919-856-4520	Endangered	North Carolina	50 FR 26572; 6/27/1985	USFWS 551 Pylon Drive, #F Raleigh, NC 27606
<i>Insects</i>					

Butterfly, Bartram's scrub-hairstreak (<i>Strymon acis bartrami</i>)	Roxanna Hinzman Bartrams_5-yearreview@fws.gov 772-469-4316	Endangered	Florida	79 FR 47221; 8/12/2014	USFWS 1339 20th St Vero Beach, FL 32960
Butterfly, Florida leafwing (<i>Anaea troglodyta florida</i>)	Roxanna Hinzman FLleafwing_5-yearreview@fws.gov 772-469-4311	Endangered	Florida	79 FR 47221; 8/12/2014	USFWS 1339 20th St Vero Beach, FL 32960
<i>Arachnids</i>					
Spider, spruce-fir moss (<i>Microhexura montivaga</i>)	Sue Cameron fw4esasheville@fws.gov 828-258-3939	Endangered	North Carolina, Tennessee, Virginia	60 FR 6968; 2/6/1995	USFWS 160 Zillico St Asheville, NC 28801
PLANTS					
Scientific name / Common name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final Listing rule (<i>Federal Register</i> citation and publication date)	Contact's mailing address
<i>Flowering Plants</i>					
<i>Agave eggersiana</i> (no common name)	Jaime Yrigoyen caribbean_es@fws.gov 787-851-7297	Endangered	Virgin Islands	79 FR 53303; 9/9/2014	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Asimina tetramera</i> (four-petal pawpaw)	Roxanna Hinzman Fourpetalpawpaw_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	51 FR 34415; 9/26/1986	USFWS 1339 20th St Vero Beach, FL 32960

<i>Brickellia mosieri</i> (Florida brickell-bush)	Roxanna Hinzman FLbrickellbush_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	79 FR 52567; 9/4/2014	USFWS 1339 20th St Vero Beach, FL 32960
<i>Cereus eriophorus</i> var. <i>fragrans</i> (fragrant prickly-apple)	Roxanna Hinzman fragrantprickly_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	50 FR 45618; 11/1/1985	USFWS 1339 20th St Vero Beach, FL 32960
<i>Conradina brevifolia</i> (short-leaved rosemary)	Roxanna Hinzman Shortleavedrosemary_5- yearreview@fws.gov 772-469-4307	Endangered	Florida	58 FR 37432; 7/12/1993	USFWS 1339 20th St Vero Beach, FL 32960
<i>Consolea corallicola</i> (Florida semaphore cactus)	Roxanna Hinzman Floridasemaphore_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	78 FR 63795; 10/24/2013	USFWS 1339 20th St Vero Beach, FL 32960
<i>Cornutia obovata</i> (palo de nigua)	Angel Colon caribbean_es@fws.gov 787-851-7297	Endangered	Puerto Rico	53 FR 11610; 4/7/1988	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Cucurbita</i> <i>okeechobeensis</i> ssp. <i>okeechobeensis</i> (Okeechobee gourd)	Roxanna Hinzman Okeechobeegourd_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	58 FR 37432; 7/12/1993	USFWS 1339 20th St Vero Beach, FL 32960
<i>Deeringothamnus</i> <i>pulchellus</i> (Beautiful pawpaw)	Roxanna Hinzman beautifulpawpaw_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	51 FR 34415; 9/26/1986	USFWS 1339 20th St Vero Beach, FL 32960
<i>Eryngium cuneifolium</i> (snakeroot)	Roxanna Hinzman snakeroot_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	52 FR 2227; 1/21/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Eugenia</i> <i>haematocarpa</i> (uvillo)	Omar Monsegur caribbean_es@fws.gov 787-851-7297	Endangered	Florida	59 FR 60565; 11/25/1994	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622

<i>Gonocalyx concolor</i> (no common name)	Carlos Pacheco caribbean_es@fws.gov 787-851-7297	Endangered	Puerto Rico	79 FR 53303; 9/9/2014	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Helianthus verticillatus</i> (whorled sunflower)	Scott Wiggers mississippi_field_office@fws.gov 228-475-0765	Endangered	Alabama, Georgia, Mississippi , Tennessee	79 FR 44712; 8/1/2014	USFWS 6578 Dogwood View Pkwy Jackson, MS 39213
<i>Leavenworthia crassa</i> (fleshy-fruit gladecress)	Shannon Holbrook alabama@fws.gov 251-441-5184	Endangered	Alabama	79 FR 44712; 8/1/2014	USFWS 1208B Main Street Daphne, AL 36526
<i>Leavenworthia exigua</i> var. <i>laciniata</i> (Kentucky glade cress)	Mike Floyd kentuckyes@fws.gov 502-695-0468	Threatened	Kentucky	79 FR 25683; 5/6/2014	USFWS 330 W. Broadway, Ste 265 Frankfort, KY 40601
<i>Liatris helleri</i> (Heller's blazingstar)	Rebekah Reid fw4esasheville@fws.gov 828-258-3939	Threatened	North Carolina	52 FR 44397; 11/19/1987	USFWS 160 Zillico St Asheville, NC 28801
<i>Liatris ohlingerae</i> (scrub blazingstar)	Roxanna Hinzman Scrubblazingstar_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	54 FR 31190; 7/27/1989	USFWS 1339 20th St Vero Beach, FL 32960
<i>Lindera melissifolia</i> (pondberry)	Scott Wiggers mississippi_field_office@fws.gov 228-475-0765	Endangered	Alabama, Arkansas, Georgia, Mississippi , Missouri, North Carolina, South Carolina	51 FR 27495; 7/31/1986	USFWS 6578 Dogwood View Pkwy Jackson, MS 39213
<i>Linum carteri carteri</i> (Carter's small- flowered flax)	Roxanna Hinzman carterflax_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	79 FR 52567; 9/4/2014	USFWS 1339 20th St Vero Beach, FL 32960

<i>Peperomia wheeleri</i> (Wheeler's peperomia)	Carlos Pacheco caribbean_es@fws.gov 787-851-7297	Endangered	Puerto Rico	52 FR 1459; 1/14/1987	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Physaria globosa</i> (Short's bladderpod)	Geoff Call cookeville@fws.gov 931-528-6481	Endangered	Indiana, Kentucky, Tennessee	79 FR 44712; 8/1/2014	USFWS 446 Neal Street Cookeville, TN 38501
<i>Pilosocereus robinii</i> (Key tree-cactus)	Roxanna Hinzman keytreecactus_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	49 FR 29234; 7/19/1984	USFWS 1339 20th St Vero Beach, FL 32960
<i>Pleodendron macranthum</i> (Chupacallos)	Angel Colon caribbean_es@fws.gov 787-851-7297	Endangered	Puerto Rico	59 FR 60565; 11/25/1994	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Polygala lewtonii</i> (Lewton's polygala)	Roxanna Hinzman Lewtonspolygala_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	58 FR 25746; 4/27/1993	USFWS 1339 20th St Vero Beach, FL 32960
<i>Polygonella basiramia</i> (wireweed)	Roxanna Hinzman wireweed_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	52 FR 2227; 1/21/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Polygonella myriophylla</i> (sandlace)	Roxanna Hinzman sandlace_5-yearreview@fws.gov 772-469-4307	Endangered	Florida	58 FR 25746; 4/27/1993	USFWS 1339 20th St Vero Beach, FL 32960
<i>Rhus michauxii</i> (Michaux's sumac)	Dale Suiter raleigh_admin@fws.gov 919-856-4520	Endangered	Georgia, North Carolina, South Carolina, Virginia	54 FR 39850; 9/28/1989	USFWS 551 Pylon Drive, #F Raleigh, NC 27606
<i>Sagittaria fasciculata</i> (bunched arrowhead)	Rebekah Reid fw4esasheville@fws.gov 828-258-3939	Endangered	North Carolina, South Carolina	44 FR 43700; 7/25/1979	USFWS 160 Zillicoa St Asheville, NC 28801

<i>Sagittaria secundifolia</i> (Kral's water-plantain)	Shannon Holbrook alabama@fws.gov 251-441-5184	Threatened	Alabama, Georgia	55 FR 13907; 4/13/1990	USFWS 1208B Main Street Daphne, AL 36526
<i>Sarracenia oreophila</i> (green pitcher-plant)	Scott Wiggers mississippi_field_office@fws.gov 228-475-0765	Endangered	Alabama, Georgia, North Carolina	44 FR 54922; 9/21/1979	USFWS 6578 Dogwood View Pkwy Jackson, MS 39213
<i>Sarracenia rubra</i> ssp. <i>jonesii</i> (mountain sweet pitcher-plant)	Rebekah Reid fw4esasheville@fws.gov 828-258-3939	Endangered	North Carolina, South Carolina	53 FR 38470; 9/30/1988	USFWS 160 Zillico St Asheville, NC 28801
<i>Stahlia monosperma</i> (cobana negra)	Jose G. Martinez caribbean_es@fws.gov 787-851-7297	Threatened	Puerto Rico	55 FR 12790; 4/5/1990	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Varronia rupicola</i> (no common name)	Omar Monsegur caribbean_es@fws.gov 787-851-7297	Threatened	Puerto Rico	79 FR 53303; 9/9/2014	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Xyris tennesseensis</i> (Tennessee yellow-eyed grass)	Shannon Holbrook alabama@fws.gov 251-441-5184	Endangered	Alabama, Georgia, Tennessee	56 FR 34151; 7/26/1991	USFWS 1208B Main Street Daphne, AL 36526
<i>Ferns</i>					
<i>Thelypteris pilosa</i> var. <i>alabamensis</i> (Alabama streak-sorus fern)	Shannon Holbrook alabama@fws.gov 251-441-5184	Threatened	Alabama	57 FR 30164; 7/8/1992	USFWS 1208B Main Street Daphne, AL 36526

What Information Do We Consider In Our Review?

A 5-year review considers the best scientific and commercial data that have become available since the current listing determination or most recent status review of each species, such as:

A. Species biology, including, but not limited to, population trends, distribution, abundance, demographics, and genetics;

B. Habitat conditions, including, but not limited to, amount, distribution, and suitability;

C. Conservation measures that have been implemented to benefit the species;

D. Threat status and trends (see the five factors under **How Do We Determine Whether a Species is Endangered or Threatened?**); and

E. Other new information, data, or corrections, including, but not limited to, taxonomic or nomenclatural changes, identification of erroneous information contained in the Lists of Endangered and Threatened Wildlife and Plants, and improved analytical methods.

We request any new information concerning the status of any of these 53 species. Information submitted should be supported by documentation such as maps; bibliographic references; methods used to gather and analyze the data; and/or copies of any pertinent publications, reports, or letters by knowledgeable sources.

We may conduct a species status assessment (SSA) for some of these species. An SSA is a biological risk assessment to aid decision makers who must use the best available scientific information to make policy decisions or recommendations under the ESA. The SSA provides decisionmakers with a scientifically rigorous characterization of

a species' status, and of the likelihood that the species will sustain populations, along with key uncertainties in that characterization. It presents a compilation of the best available information on a species, as well as its ecological needs, based on environmental factors. An SSA also describes the current condition of the species' habitat and demographics, and probable explanations for past and ongoing changes in abundance and distribution within the species' range. Finally, it forecasts the species' response to probable future scenarios of environmental conditions and conservation efforts. Overall, an SSA uses the conservation biology principles of resiliency, redundancy, and representation (collectively known as the "3 Rs") to evaluate the current and future condition of the species. As a result, the SSA characterizes a species' ability to sustain populations in the wild over time based on the best scientific understanding of current and future abundance and distribution within the species' ecological settings.

Definitions

A. *Species* means any species or subspecies of fish, wildlife, or plant, and any distinct population segment of any species of vertebrate fish or wildlife which interbreeds when mature.

B. *Endangered* means any species that is in danger of extinction throughout all or a significant portion of its range.

C. *Threatened* means any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

How Do We Determine Whether A Species Is Endangered or Threatened?

Section 4(a)(1) of the ESA requires that we determine whether a species is endangered or threatened based on one or more of the following five factors:

- A. The present or threatened destruction, modification, or curtailment of its habitat or range;
- B. Overutilization for commercial, recreational, scientific, or educational purposes;
- C. Disease or predation;
- D. The inadequacy of existing regulatory mechanisms; or
- E. Other natural or manmade factors affecting its continued existence.

Request for New Information

To do any of the following, contact the person associated with the species you are interested in under the table in **Which Species Are Under Review?**, above:

- A. To get more information on a species;
- B. To submit information on a species; or
- C. To review information we receive, which will be available for public inspection by appointment, during normal business hours, at the listed addresses.

Public Availability of Comments

Comments and materials received will be available for public inspection, by appointment, during normal business hours at the offices where the comments are submitted. Comments we receive become part of the administrative record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly

available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. All submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, will be made available for public disclosure in their entirety.

Availability of Status Reviews

All completed status reviews under the ESA are available via the Service website, at <https://www.fws.gov/endangered/species/us-species.html>.

Authority

This document is published under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Dated: April 18, 2019.

Mike Oetker,
Acting Regional Director, Southeast Region.

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